

Application No: 09/747,109  
Attorney's Docket No: PHB 34,436

### **CLAIM AMENDMENTS**

This listing of claims will replace all prior versions and listings of claims in the application.

#### **Listing of Claims**

1. (Previously presented) A broadcast enhancement system compatible with a television and a set-top-box that has a receiver for receiving a television broadcast signal, without any adaptation required to the set-top-box or the television, said system comprising a mixer having a receiver for receiving a transmission of an enhancement signal, the two receivers being arranged separately from each other, at least one of the two signals being prepared for chroma keying, the mixer being configured to intercept the received television broadcast signal from the set-top-box before it is passed to the television, to apply chroma keying to superimpose the enhancement signal onto the intercepted television broadcast signal and to pass the superimposed signal to the television.
2. (Original) A system according to claim 1, including a processor for formatting data received in the enhancement signal prior to applying chroma keying to superimpose it onto the television broadcast signal.
3. (Original) A system according to claim 1, in which the enhancement signal comprises a World Wide Web page.

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4. (Original) A system according to claim 1 in which the enhancement signal is multiplexed with the television broadcast signal prior to transmission, wherein the system includes a demultiplexer for extracting the enhancement signal from the received television broadcast signal.
5. (Original) A system according to claim 1, in which the enhancement signal is received as teletext.
6. (Original) A system according to claim 1, in which the enhancement signal is received via the internet.
7. (Canceled)
8. (Canceled)

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9. (Previously presented) A method of enhancing a television broadcast comprising the steps of:

preparing a plurality of broadcast signals, at least one of which being prepared for chroma keying;

transmitting the plurality of broadcast signals to a corresponding receiver, at least one of the corresponding receivers being in a set-top-box;

providing said received signals to a mixing unit that is separate from the set-top-box;

applying, in the mixing unit, chroma keying to the received signals to create a superimposed signal for display as an enhanced television broadcast.

10-14. (Canceled)

15. (Previously presented) A mixer for use in a broadcast enhancement system that is compatible with a television and set-top-box that has a receiver for receiving a television broadcast signal, without any adaptation required to the set-top-box or the television, said mixer being connected to a receiver for receiving an enhancement signal, the two receivers being arranged separately from each other, at least one of the two signals being prepared for chroma keying, the mixer further configured to intercept the received television broadcast signal from the set-top-box before it is passed to the television, to apply chroma keying to superimpose the enhancement signal onto the intercepted television broadcast signal and to pass the superimposed signal to the television.

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16. (Cancelled)

17. (Previously presented) A mixer for enhancing a television image comprising:

means for receiving a broadcast television signal; and

means for receiving an enhancement signal, at least one of the two signals being prepared for chroma keying, wherein said mixer is configured to apply chroma keying to superimpose the enhancement signal onto the received television broadcast signal and to pass the superimposed signal to a television set, wherein the broadcast television signal is input to said mixer from a set-top box.

18-19. (Canceled)

20. (Previously presented) The mixer of claim 17, wherein the enhancement signal is received via the Internet.

21. (Previously presented) The mixer according to claim 17, wherein the enhancement signal is received via a wireless transmission.

22. (Previously presented) The method of enhancing a television broadcast of claim 9, wherein one of the plurality of broadcast signals is received via the Internet.

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23. (Previously presented) The method of enhancing a television broadcast of claim 9, wherein one of the plurality of broadcast signals is received via a wireless transmission.

24. (Previously presented) The mixer of claim 15, wherein one of the two signals is received via the Internet.

25. (Currently amended) The mixer of claim 9 15, wherein one of the two signals is received via a wireless transmission.